

REMARKS/ARGUMENTS

This case has been carefully reviewed and analyzed in view of the Official Action dated 7 September 2004. Responsive to the objections and rejections made in the Official Action, Claim 1 has been amended to incorporate the subject matter of Claim 6 therein and Claims 6 – 19 have been cancelled by this Amendment.

In the Official Action, the Examiner objected to the drawings under MPEP § 608.02(g). The Examiner stated that Figure 6 should include the legend “Prior Art” because only that which is old is illustrated. Accordingly, a corrected formal drawing has been submitted with this paper and is identified with the label “Replacement Sheet”.

In the Official Action, the Examiner rejected Claims 1 – 5 and 16 – 19 under 35 U.S.C. § 103(a), as being unpatentable over the admitted prior art, Fig. 6, in view of Larson et al., U.S. Patent No. 6,188,212. However, the Examiner kindly indicated that Claim 6 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

It is respectfully submitted that the prior art circuit of Fig. 6 shows a current sense apparatus which utilizes a pair of MOSFETs 72 and 74. The Examiner’s characterization of the device 72 as being a DMOSFET is incorrect. The MOSFET devices shown in Fig. 6 are each three terminal devices, whereas a DMOSFET is a five-terminal element, shown in Fig. 2A and having an equivalent

circuit shown in Fig. 2B.

Nevertheless, in order to advance the prosecution of this case, Claim 1 has been amended to incorporate the subject matter formally defined by Claim 6. Claim 6 has effectively been rewritten in independent form to include all of the limitations of the base claim, Claim 1, and any intervening claims, which there were none. Thus, Claim 1 and the claims dependent thereon should now be allowable.

It is now believed that the subject Patent Application has been placed in condition for allowance, and such action is respectfully requested.

Respectfully submitted,

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AMENDMENTS TO THE DRAWINGS

The attached drawing sheet includes a change to Fig. 6. The attached sheet replaces the original sheet that included Fig. 6 thereon. In Fig. 6, the previously omitted legend "Prior Art" has been added.

Attachment: One replacement sheet